

Message Text

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INFO OCT-01 ADP-00 CIAE-00 PM-07 INR-10 L-03 NEA-10

NSAE-00 PA-03 RSC-01 PRS-01 USIA-15 TRSE-00 MBFR-03

SAJ-01 CCO-00 OTPE-00 EB-11 FCC-03 OC-06 COME-00

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TO SECSTATE WASHDC 1254

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INFO AMEMBASSY VIENNA

USNMR SHAPE

C O N F I D E N T I A L SECTION 1 OF 2 USNATO 3943

E.O. 11652: GDS

TAGS: PARM, NATO

SUBJECT: MBFR: ADMINISTRATIVE GROUP MEETING AUGUST 21: COMMUNICATIONS
FACILITIES BETWEEN VIENNA AND BRUSSELS

SUMMARY: MBFR ADMINISTRATIVE GROUP REVIEWED INTERNATIONAL STAFF
RECOMMENDATIONS ON COMMUNICATIONS FACILITIES BETWEEN NATO OFFICE
IN VIENNA AND NATO HEADQUARTERS IN BRUSSELS. THERE WAS STRONG
PREFERENCE AMONG ALLIES FOR RENTING A DUPLEX TELEGRAPH CIRCUIT.
ACTION REQUESTED: GUIDANCE ON WASHINGTON'S PREFERENCE. END
SUMMARY.

1. NATO COMMUNICATIONS DIRECTOR (VAN DER WILLIGEN) EXPLAINED
THAT THE RECOMMENDATIONS IN HIS PAPER ON COMMUNICATIONS POSSIBILITIES
BETWEEN VIENNA AND BRUSSELS (TEXT BELOW) EMPHASIZED SECURITY CON-
SIDERATIONS. HE WAS PARTICULARLY CONCERNED OVER SECURITY DIFFICULTIES
CREATED BY USE OF COMMERCIAL TELEX. HE NOTED THAT THE OPTIONS
NOTED IN HIS PAPER (SUBPARAS (A), (B) AND (C) AND PARA 4)
DID NOT INCLUDE COST FOR MANNING OF TERMINAL.

2. IN GROUP'S DISCUSSION OF VARIOUS PROBLEMS CONNECTED WITH
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RECRUITING AND TRAINING PERSONNEL TO HANDLE COMMUNICATIONS
FACILITY IN VIENNA, INTERNATIONAL MILITARY STAFF REPRESENTATIVE
REPORTED THAT HE MIGHT SOON HAVE PROVISIONAL APPROVAL FROM
MILITARY AUTHORITIES TO MAKE MILITARY PERSONNEL AVAILABLE FOR

MANNING THE FACILITY. CANADIAN REPRESENTATIVE WELCOMED THIS OFFER BUT DOUBTED THAT IT WOULD PROVIDE LONG TERM SOLUTION.

3. COMMENTS BY VARIOUS DELEGATIONS INDICATED CLEAR PREFERENCE FOR OPTION (C) IS I.S. PAPER, RENTAL OF A DUPLEX TELEGRAPH CIRCUIT. BELGIUM, CANADA AND UK CONSIDERED THAT THIS ARRANGEMENT WOULD BE THE SIMPLEST SOLUTION AND WOULD PROVIDE THE MOST SECURE AND RAPID COMMUNICATIONS. IN RESPONSE TO QUERIES, GROUP CHAIRMAN NOTED SENIOR POLADS AGREEMENT IN PRINCIPLE THAT THERE SHOULD BE A SEPARATE NATO COMMUNICATIONS FACILITY (USNATO 3700).

4. BELGIAN REP ADDED HIS HOPE THAT NATO I.S. WOULD ALSO HAVE ADEQUATE FACILITIES IN VIENNA FOR STORING NATO TOP SECRET DOCUMENTS. HE COMMENTED THAT THE BELGIAN EMBASSY WAS NOT ADEQUATELY EQUIPPED FOR STORING DOCUMENTS OF THIS CLASSIFICATION.

5. FULL TEXT OF I.S. PAPER FOLLOWS:

BEGIN TEXT

COMMUNICATIONS POSSIBILITIES BETWEEN VIENNA AND
BRUSSELS DURING THE MBFR TALKS
MEMORANDUM BY THE DIRECTOR C-E

THE REQUIREMENT FOR COMMUNICATIONS BETWEEN THE NATO - MBFR ELEMENTS IN VIENNA AND THE NATO HEADQUARTERS IN BRUSSELS STEMS FROM THE FACT THAT AS A MATTER OF ROUTINE THE RECORDS OF THE DAILY ACTIVITIES/RESULTS MUST BE AVAILABLE TO THE SECRETARY GENERAL, DELEGATIONS IN NATO, NATIONAL CAPITALS AND THE MNCS ON THE FOLLOWING MORNING AT THE BEGINNING OF WORK. THERE WILL, OF NECESSITY, BE A REQUIREMENT FOR THE CAPABILITY OF TRANSMITTING SPEEDY DECISIONS FROM THE NORTH ATLANTIC COUNCIL TO THE ELEMENTS IN VIENNA AND AT THE SAME TIME TO CAPITALS AND THE MNCS. THEREFORE, IT MUST BE POSSIBLE TO PROVIDE CONTACT IN A SECURE MODE AT ALL TIMES BETWEEN THE ELEMENTS AND HEADQUARTERS
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AS INDICATED ABOVE.

2. AS A FIRST THOUGHT ONE COULD CONSIDER THE USE OF EXISTING NATIONAL COMMUNICATIONS BETWEEN AN EMBASSY OF A NATO NATION IN VIENNA AND ITS CAPITAL FOR ONWARD TRANSMISSION TO THE NATO HEADQUARTERS. THERE ARE, HOWEVER, DRAWBACKS IN SUCH A SOLUTIONS, OF WHICH I MENTION THE FOLLOWING:

(A) NATO MBFR TRAFFIC IS MIXED WITH OTHER, PURELY NATIONAL, TRAFFIC. THUS, A SCREENING AT THE NATIONAL TERMINAL IS REQUIRED BEFORE RE-TRANSMISSION.

(B) THE MAJORITY OF NATO COUNTRIES WITH EMBASSYS IN

VIENNA DO NOT HAVE A 24-HOUR COMMUNICATIONS CAPABILITY WITH THEIR CAPITAL. THE TRANSMISSION OF NATO - MBFR TRAFFIC WOULD, THEREFORE, BE CONFINED TO SPECIFIC HOURS WHICH WILL NOT NECESSARILY COINCIDE WITH THE NORMAL TIME THAT A REPORT/RECORD IS PRODUCED AND READY FOR TRANSMISSION OR VICE-VERSA.

(C) THE HANDLING OF NATO TRAFFIC WILL HAVE PERSONNEL REPERCUSSIONS ON EMBASSY STAFFS.

(D) IN CAPITALS THE NATO - MBFR TRAFFIC MUST BE SEPARATED AND REFILED TO NATO(1).

(1) THE WORD "REFILE" INDICATES THAT A SERIES OF ACTIONS HAVE TO BE PERFORMED IN ORDER THAT A MESSAGE CAN BE FORWARDED TO ANOTHER ADDRESSEE. THIS MAY INCLUDE PREPARATION OF A COMPLETE NEW MESSAGE, A NEW MESSAGE HEADING, SCREENING, ENCRYPTION, ETC.

(E) IF THE OFFICES OF THE NATO - MBFR ELEMENTS ARE NOT ADJACENT TO THE EMBASSY CONCERNED, TIME WILL BE LOST IN HAND CARRYING THE MESSAGE TO THE EMBASSY. THIS WILL ALSO ENTAIL SECURITY RISKS.

(F) FOR EXPEDITIOUS ONWARD TRANSMISSION TO NATO, THE CONFIDENTIAL

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NATIONAL TERMINAL SHOULD BE CO-LOCATED/ADJACENT TO THE NATO-WIDE TERMINAL.

(G) EMBASSY PERSONNEL WOULD BE REQUIRED TO HAVE A THOROUGH KNOWLEDGE OF NATO COMMUNICATIONS PROCEDURES TO REDUCE ADDITIONAL REFILEING.

(H) THERE IS NO NATO CONTROL OVER THE HANDLING, TRANSMISSION, RECEIPT AND DELIVERY OF SUCH MESSAGE TRAFFIC.

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3. IT WILL BE VIRTUALLY IMPOSSIBLE TO PROVIDE FOR THE DEFICIENCIES ARISING OUT OF THE ABOVE CONSIDERATIONS. IN PARTICULAR, MUCH TIME WILL BE LOST IN THE PHYSICAL HANDLING OF THE MESSAGE (SEE PARAGRAPHS 2(B), (D), (E) AND (F) ABOVE). UNDER THE CIRCUMSTANCES IT COULD BE EXPECTED THAT OTHER SOURCES, (E.G. PRESS), COULD BE AWARE OF DEVELOPMENTS IN ADVANCE OF THE APPROPRIATE NATO ELEMENTS. IT IS THEREFORE CONCLUDED THAT THIS IS NOT AN EFFECTIVE SOLUTION.

4. ON THE ASSUMPTION THAT A SEPARATE NATO FACILITY WILL BE ESTABLISHED IN VIENNA AND OPERATE FOR CONSIDERABLE PERIOD OF TIME, THE POSSIBILITIES OF CONNECTING THIS FACILITY TO THE NATO HEADQUARTERS BY A SECURE TELEGRAPHIC SYSTEM HAVE BEEN INVESTIGATED. SUCH A SOLUTION WOULD HAVE THE ADVANTAGE OF MAINTAINING DIRECT ACCESS TO AND FROM BOTH THE NATO-WIDE COMMUNICATIONS SYSTEM AND THE MILITARY HICOM SYSTEM. THE FOLLOWING THREE POSSIBILITIES HAVE BEEN CONSIDERED:

(A) DIRECT CONNECTION BETWEEN THE NATO FACILITY IN VIENNA AND NATO BRUSSELS BY COMMERCIAL TELEX (PTT PROVIDED)

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NALLA/RTT BELGIUM GIVES THE COST FOR TELEX CALL BETWEEN BRUSSELS AND VIENNA AS 2.5 BFRS. FOR 15 SECONDS OR 600 BFRS. PER HOUR. ASSUMING THE TELEX IS USED FOUR HOURS A DAY FOR 20 DAYS OF THE MONTH, THE MONTHLY COST WILL BE 4800 BFRS. IN ADDITION, THE LEASE OF TELEX EQUIPMENT OF ABOUT 2500 BFRS. PER MONTH FOR EACH TERMINAL WOULD BE REQUIRED. TOTAL COST 53000 BFRS. PER MONTH. UNDER THIS SOLUTION, NATO BRUSSELS MUST REFILE FOR ONWARD TRANSMISSION TO CAPITALS. IT WOULD ALSO REQUIRE THE USE OF ONLINE NATO CRYPTO EQUIPMENT TO BE USED ON TELEX EQUIPMENT RENTED AND INSTALLED BY THE AUSTRIAN PTT. THERE IS, THEREFORE, A SERIOUS SECURITY PROBLEM INVOLVED, AS THE REQUIRED NATO SECURITY STANDARDS FOR THE INSTALLATION OF CRYPTO AND TERMINAL EQUIPMENT AND THE PROTECTION OF CYPHER DATA MUST BE ADHERED TO.

(B) DIRECT COMMECTION BETWEEN THE NATO FACILITY IN VIENNA AND A NATO-OWNED AND OPERATED ACE HIGH STATION FOR ONWARD TRANSMISSION TO NATO BRUSSELS

IT IS TECHNICALLY POSSIBLE TO PROVIDE FOR THE DIRECT CONNECTION OF THE NATO FACILITY IN VIENNA WITH AN ACE HIGH STATION. THE CIRCUIT COSTS WOULD NOT BE MUCH DIFFERENT FROM THOSE SET FORTH IN SUB-PARAGRAPHS

(A) ABOVE AND (C) BELOW BUT WOULD, OF COURSE, DEPEND ON THE STATION OF CHOICE. PECULIAR TO THIS SOLUTION ARE THE QUESTIONS OF:

(I) THE RENTAL OF THE TELEGRAPHIC CIRCUIT LINKS BETWEEN VIENNA AND THE CHOOSEN ACE HIGH STATION, WHICH FOR PURPOSES OF INTERCONNECTION MUST BE IN ACCORDANCE WITH THE STANDARDS REQUIRED IN THE ACE HIGH SYSTEM;

(II) THE RESPONSIBILITY FOR THE "O & M" OF SUCH A CIRCUIT WHICH IS INTERCONNECTING BETWEEN A POINT IN AUSTRIA AND A NATO-OWNED SYSTEM LOCATED IN, FOR EXAMPLE, GERMANY.

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(C) DIRECT COMMUNICATIONS BETWEEN THE NATO FACILITY IN VIENNA AND NATO BRUSSELS BY RENTAL OF A DUPLEX TELEGRAPH CIRCUIT

THE COST OF FULL TIME RENATL OF A DUPLEX TELEGRAPH CIRCUIT BETWEEN BRUSSELS AND VIENNA IS GIVEN AS 49000 BFRS. PER MONTH.

5. IN ANY OF THE THREE SOLUTIONS, IT WILL BE NECESSARY TO ENSURE AND/OR PROVIDE THE FOLLOWING:

(A) STRICT ADHERENCE TO THE NATO COMMUNICATIONS SECURITY STANDARDS. IN PARTICULAR IN THE "VIENNA" CASE THIS REQUIREMENT SEEMS INDISPENSABLE.

(B) THE VIENNA TERMINAL SHOULD BE MANNED BY PERSONNEL THROUGHLY FAMILIAR WITH NATO COMMUNICATIONS PROCEDURES.

(C) NATO ONLINE CRYPTO AND OTHER TERMINAL EQUIPMENT.

6. THE PROPOSAL UNDER PARAGRAPH 4(C) IS CONSIDERED TO BE THE MOST SUITABLE FOR ADOPTION FROM AN OPERATIONAL, TECHNICAL AND SECURITY STANDPOINT. THIS CONCLUSION IS MADE UNDER THE ASSUMPTION THAT THERE ARE NO POLITICAL DIFFICULTIES FOR THE AUSTRIAN PTT TO DIRECTLY CONNECT THE NATO MBFR FACILITY IN

VIENNA WITH NATO BRUSSELS AND THAT THEY WILL ACCEPT THE INSTALLATION OF NATO-OWNED TERMINAL AND CRYPTO EQUIPMENT BY NATO PERSONNEL. NALLA/RTT BELGIUM HAVE ALREADY INDICATED THAT NO MAJOR PROBLEMS ARE FORESEEN FOR THE PROVISION OF A FULL TIME LEASED POINT-TO-POINT DUPLEX CIRCUIT FOR 75 BAUD BETWEEN VIENNA AND BRUSSELS.

7. THE SUPPLY OF CRYPTO AND OTHER TERMINAL EQUIPMENT HAS INFORMALLY BEEN DISCUSSED WITH SHAPE. IT HAS BEEN INDICATED THAT THE EQUIPMENT REQUIRED CAN BE MADE AVAILABLE FOR THIS PURPOSE FROM NATO RESOURCES, PROVIDED THE COMMUNICATIONS SECURITY PROBLEMS CAN BE SATISFACTORILY RESOLVED. THIS, AMONGST OTHER THINGS, CANNOT BE INVESTIGATED BEFORE IT HAS BEEN DECIDED WHERE THE NATO - MBFR ELEMENTS WILL BE LOCATED.

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